Please type	a plus sign	n (+) → + Patent and	Trademark Offic	ce	U.S. DEPARTN	MENT	OF COMN	/ERC	E	
1449/PTO	Application No. :									
		Patent and	Trademark Offi	ce	Filing Date		:			
INFOR	MATIC	N DISCLOSURE	2		First Named In	nvento	r: T. ISHII			
		BY APPLICANT		(Group Art Un	it	:			
Sheet 1		DIAIIDICANI	•	ĺ	Examiner Nan	ne	:			
Sitet 1	Attorney Docket No.: NECE 20.554									
				ENT DOCU						
Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document		f Date of Publication Cited Docur MM-DD-Y		ment Relevant Passages		
						\dashv				
				 		\dashv				
<u> </u>										
			FOREIG	N DOCUME	NTS					
Examiner	Cite No.1	Foreign Patent	Country	هنقهاضا يبشكرب المبالات	itee or Applicant Date of Pages, Columns Lines					
Initials		Document Office ³ Number ⁴ Kind Code ⁵ (if known)		of Cited Document		Cited Pa		Passa	Vhere Relevant assages or Relevant igures Appear	
TV		11-101992	JP	Sharp Corp.	orp.		04-13-1999			
TN		6-043461	JP	International Bu	mational Business Mach		02-18-1994			
TN		2000-035570	JP	Sharp Corp.		02-0	02-02-2000			
TN		2000-029010	JP	Sharp Corp.		01-2	01-28-2000			
TN		2000-250056	ЛР	Seiko Epson Co	orp.		4-2000			
T		2002-107724	JP	Sony Corp.		04-10-2002				
IN		2002-098951	JP	Sony Corp.		04-0	5-2002	<u> </u>	<u> </u>	
		+	-							
Other P	rior Art	-Non Patent Liter	ature Docu	ments		L				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, country, where published, source. Applicant check her if English language translation attached								
Examiner Signature		Date Considered 40/14/04								

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEF 609. Draw a line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

*Unique citation designation number. * Soc stracked Kinds of U.S. Patent Documents. * Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). * For Impanese patent documents, the indication of the year of the resign of the Emperor must proceede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1° if possible. * Applicant is to place a check must here if English language Translation is attached.

Burdes Hour Sustament: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information anless it displays a valid OMB council number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.